Discrete Mathematics Volume 226, Numbers 1–3, 6 January 2001

Contents

Contributions

R.J.R. Abel, M. Greig, Y. Miao and L. Zhu	
Resolvable BIBDs with block size 7 and index 6	
G. Agnarsson, B. Doerr and T. Schoen	
Coloring t-dimensional m-Boxes	2
K.P. Bogart, M.S. Jacobson, L.J. Langley and F.R. Mcmorris	
Tolerance orders and bipartite unit tolerance graphs	38
I. Bouyukliev and D.B. Jaffe	
Optimal binary linear codes of dimension at most seven	51
G. Cairns and D.M. King	
All odd musquashes are standard	71
G. Chartrand, D.W. VanderJagt and P. Zhang	
On the planarity of iterated jump graphs	93
M. Chastand	
Fiber-complemented graphs — I: structure and invariant subgraphs	107
M. Conforti and R. Rizzi	
Shortest paths in conservative graphs	143
M.A. Fiol, E. Garriga and J.L.A. Yebra	
Boundary graphs: The limit case of a spectral property	155
D. Forge and J.L. Ramírez Alfonsin	
On reconstructing arrangements from their sets of simplices	175
HL. Fu, MC. Tsai and N.H. Xuong	
The decay number and the maximum genus of diameter 2 graphs	191
S. Fujishige and S.B. Patkar	
Realization of set functions as cut functions of graphs and hypergraphs	199
Hellerstein	
On generalized constraints and certificates	211
Z. Katona	
ntersecting families of sets, no I containing two common elements	233

J.H. Kingston and N.P. Sheppard On the hardness of computing maximum self-reduction sequences	243
A. Knopfmacher and H. Prodinger Combinatorics of geometrically distributed random variables: Value and position of the rth left-to-right maximum	255
M. Miller and J. Širáň Digraphs of degree two which miss the Moore bound by two	269
H.S. Mortveit and C.M. Reidys Discrete, sequential dynamical systems	281
D. Rautenbach and V.E. Zverovich Perfect graphs of strong domination and independent strong domination	297
J. Tuliani De Bruijn sequences with efficient decoding algorithms	313
PH. Wei and CW. Weng A typical vertex of a tree	337
Communications	
D. Morgenstern Proof of a conjecture by Walter Deuber concerning the distances between points of two types in \mathbb{R}^d	347
R. Škrekovski Two relations for median graphs	351
Notes	
R.M. Adin, A. Postnikov and Y. Roichman On characters of Weyl groups	355
V.E. Alekseev and V.V. Lozin On orthogonal representations of graphs	359
R.A. Beezer, J.E. Riegsecker and B.A. Smith Using minimum degree to bound average distance	365
R.A. Brualdi and J. Shen Diameter of the NEPS of bipartite graphs	373
J.M. Chao and H. Kaneta Classical arcs in PG(r , q) for 23 \leq q \leq 29	377
O.M. D'Antona, C. Mereghetti and F. Zamparini The 224 non-chordal graphs on less than 10 vertices whose chromatic polynomials have no complex roots	387

HL. Fu and WH. Hu A note on ascending subgraph decompositions of complete multipartite graphs	397
T. Helleseth, C. Rong and K. Yang	400
New 3-designs from Goethals codes over Z₄	403
Y. Roditty, B. Shoham and R. Yuster	
Monotone paths in edge-ordered sparse graphs	411
Ls. Shi and K-m. Zhang	
A bound for multicolor Ramsey numbers	419
G.G. Szpiro	
The number of permutations with a given signature, and the expectations of their elements	423
S.S. Wang	
Pebbling and Graham's Conjecture	431
Wj. Woan	
Area of Catalan paths	439
B. Zgrablić	
On quasiabelian Cayley graphs	445
Author index to volume 226	449

